

Cat.6 U/UTP Installation Cable

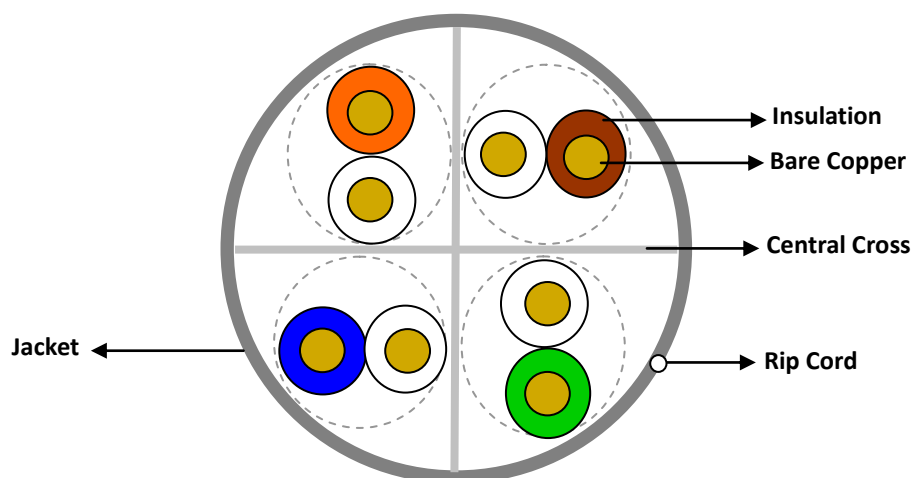


401461

401463

The equip[®] Installation Cable is made of preeminent materials and thoroughly examined to meet or surpass industrial standards defined by the EIA / TIA, ISO and EN standard bodies. The performance is guaranteed via a comprehensive test including attenuation, return loss, NEXT (Next End Crosstalk) and FEXT (Far End Crosstalk) up to 250MHz and the hence the equip[®] Installation Cable serves well in the most demanding networking environments.

| Structure





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Specification

Conductor	Material	Bare Copper
	Construction	23AWG, 1/0.55 ± 0.015mm
Insulation	Material	HD-PE
	Thickness	MIN at any point: 0.15 mm / MAX AVG:0.22 mm
	Diameter	1.00 ± 0.01mm
	Colors	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown
Stranding	Mylar	0.035*25mm
	Drain Wire	1/0.40±0.02mm
	Central Cross	PE: 5.0*0.7mm
Jacket	Material	PVC
	Thickness	MIN at any point: 0.40mm / MAX AVG: 0.55mm
	Diameter	6.1 ± 0.2mm
	Colors	Beige (RAL1015)
	Marking	equip CAT.6 U/UTP INSTALL CABLE E213738-Y CM (UL) C(UL)

Electrical Properties

Spark Test	2000 ± 250 VOC
Dielectric Strength	1000V dc/3 seconds
Insulation Resistance	MIN 150MΩ/KM
Conductor Resistance	MAX 9.38 Ω/100m at 20°C
Resistance Unbalance	MAX 5%
Capacitance Unbalance	MAX 330pF/100m
Mutual Capacitance	MAX 560pF/100m
Impedance	100± 15Ω

| Performance

Frequency (MHz)	Impedance (Ω)	RL dB/100m	Attenuation dB/100m	NEXT (dB)	PS-NEXT (dB)
772KHz	100 ± 15	19.44	1.84	76.0	74.0
1MHz	100 ± 15	20.00	2.04	74.30	72.3
4MHz	100 ± 15	23.01	3.81	65.3	63.3
8MHz	100 ± 15	24.52	5.35	60.8	58.8
10MHz	100 ± 15	25.00	5.99	59.3	57.3
16MHz	100 ± 15	25.00	7.60	56.2	54.2
20MHz	100 ± 15	25.00	8.52	54.8	52.8
25MHz	100 ± 15	24.32	9.57	53.3	51.3
31.25MHz	100 ± 15	23.64	10.74	51.9	49.9
62.5MHz	100 ± 15	21.54	15.48	47.4	45.4
100MHz	100 ± 15	20.10	19.92	44.3	42.3
125MHz	100 ± 22	19.42	22.49	42.8	40.8
200MHz	100 ± 22	18.00	29.15	39.8	37.8
250MHz	100 ± 32	17.32	33.04	38.3	36.3

| Ordering Information

PN	EAN	Length	Packing
401461	4015867112281	100m	Equip EZ Box
401463	4015867112298	305m	Equip EZ Box

| Typical Applications

- IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
- IEEE 802.5 16 MB; ISDN; TPDDI; ATM
- Class E ISO/IEC 11801 2nd Edition & EN 50173